SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT.

N: 1,683,808.6032, E: 1,654,577.5828
℄ Lewis St., Sta. 125+87.96, 5.0' Rt.=
WL 1, Sta. 31+77.14
45° RJ Bend *

CAUTION!!!
Existing 4" Cast Iron Gas Line
Prior to Proposed 48" Waterline Construction
Coordinate with Kansas Gas Service, Mr. Jim Coe
at (316) 832-3121
(Provide at least 2 weeks notice)
Existing 4" Cast Iron Gas Line to be relocated
by Kansas Gas Service.

Proposed Sanitary Sewer
Relocation and Abandonment
See Sheet No. 25-26

CAUTION !!!
Proposed 8"
Sanitary Sewer
(See Sheet 25-26)

CAUTION !!!
6" Waterline
(City of Wichita)

CAUTION !!!
Existing 27"
Sanitary Sewer

N: 1,683,842.8060, E: 1,654,611.4199
℄ Hydraulic St., Sta. 200+28.52, 0.8' Rt.=
WL 1, Sta. 32+25.25
Horizontal Deflection
Defl.= 0°13'16"

CAUTION !!!
15" RCP
Storm Water Sewer

CAUTION !!!
10" Gas Line
(KGS)

N: 1,683,857.0782, E: 1,654,625.4309
℄ Hydraulic St., Sta. 200+42.55, 15.0' Rt.=
WL 1, Sta. 32+45.25
1- 48" RJ 45° Bend
Defl.= 45°30'00" (Horizontal)
Rotated= 3°45'34" (Vertical)

CAUTION !!!
Water Service Line
(City of Wichita)

CAUTION !!!
Water Service Line
(City of Wichita)

N: 1,684,007.6319, E: 1,654,622.7263
℄ Hydraulic St., Sta. 201+93.13, 14.9' Rt.=
WL 1, Sta. 33+95.83
1- 48" RJ 45° Bend
Defl.= 45°30'00" (Horizontal)
Rotated= 0°25'51" (Vertical)

CAUTION !!!
4" Gas Line
(KGS)

N: 1,684,018.4563, E: 1,654,633.3526
℄ Hydraulic St., Sta. 202+03.77, 25.7' Rt.=
WL 1, Sta. 34+11.00
1- Flushing Hydrant Assembly
L= 18.5'
Top Valve Box El.= Match Existing
FH Bury Line El.= Match Existing
See detail, sheet no. 7

N: 1,684,028.4468, E: 1,654,643.1602
℄ Hydraulic St., Sta. 202+13.59, 35.7' Rt.=
WL 1, Sta. 34+25.00
1- 48" Line Valve Assembly
(MJ Butterfly Valve)
Top Valve Box El.= Match Existing Ground
See detail, sheet no. 6

N: 1,684,033.7417, E: 1,654,648.3582
℄ Hydraulic St., Sta. 202+18.80, 41.0' Rt.=
WL 1, Sta. 34+32.42
1- 48" RJ 45° Bend
Defl.= 45°00'00"

* VERTICAL BEND EFFECTS PREVIOUS SHEET VERTICAL DEFLECTION NOTE. CONTRACTOR SHALL ROTATE THE FITTING TO PROVIDE THE VERTICAL DEFLECTION NOTED ON THIS SHEET.

TRAFFIC CONTROL FOR HYDRAULIC STREET

1. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES WITHIN HYDRAULIC RIGHT-OF-WAY LIMITS.
2. CONTRACTOR SHALL MAINTAIN 2-WAY, 2 LANE TRAFFIC THRU CONSTRUCTION AT ALL TIMES, EXCEPT AS NOTED BELOW.
3. CONTRACTOR SHALL MAINTAIN LOCAL RESIDENTIAL TRAFFIC TO/FROM HYDRAULIC AND GILTNER CIRCLE.
4. CONTRACTOR SHALL PROVIDE THE OWNER A MINIMUM OF 2 WEEKS NOTICE FOR ANY PROPOSED LANE CLOSURE SCHEDULE.
5. CONTRACTOR WILL BE ALLOWED TO CLOSE HYDRAULIC FOR 5 CALENDAR DAYS FOR COMPLETION OF CROSSING. CLOSURE CAN NOT BE DONE UNTIL WATERMAN AND WASHINGTON INTERSECTION PROJECT IS COMPLETED. (ESTIMATED COMPLETION DATE = 09/15/09) CONTRACTOR TO SUPPLY DETOUR PLAN FOR DOUGLAS, WASHINGTON AND LINCOLN FOR APPROVAL.

68.11'- 48" Pipe

Remove and replace
236 L.F. Concrete
Pavement.

150.58'- 48" Pipe

15.17'- 48" Pipe

14.00'- 48" Pipe

Remove and replace
5 L.F. Concrete sidewalk.

7.42'- 48" Pipe

Proposed 20' Waterline Easement
(by sep. instrument)

Install Erosion Control
Inlet Protection

℄ Lewis St., Sta. 126+21.63=
℄ Hydraulic St., Sta. 200+00.00

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1

X - Denotes Existing SS to be removed

D.I. - 255.28 L.F. RJ Pipe
PCCP - 255.28 L.F. RJ Pipe

VERTICAL DEFLECTION TABLE	
∠18 =	(3°41'36")
∠19 =	0°29'48"
∠20 =	5°55'16"
∠20a =	(0°18'42")
∠20b =	(0°17'10")
∠21 =	(0°25'46")
∠22 =	(0°25'46")
∠23 =	(0°24'57")
∠24 =	(0°25'51")

SOUTHEAST 48" WATERLINE - PHASE 2A
LEWIS/IDA TO LEWIS/GREEN

WATERLINE NO. 1

JAMES L. ARMOUR, P.E. - CITY ENGINEER
CITY OF WICHITA, PROJECT NO. 448-90417

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316.262.2691 • FAX 316.262.3003

Designed By MDK, EJB
Drawn By JAN
Job No. 35-07704-000
Date March 2008

Sheet 14R of 38

PLAN: DATE | BY | CHECKED | CHECKED
PROFILE: DATE | BY | CHECKED | CHECKED

Saved: 03-02-2009 1:29:10 PM by CSL
Plotted: 03-02-2009 1:30:07 PM by CSL
Q:\2007\07704\000\PHASE 2A\07704-000-C-WLPP07_addendum 1